

Introduction to Cybersecurity and Screen Readers

The Introduction to Cybersecurity course is compatible with JAWS and NVDA screen readers.

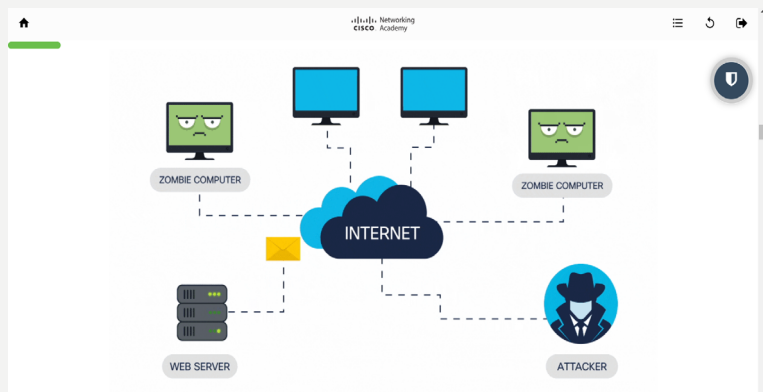
When you launch a module, you will be taken to the navigation bar at the top of the screen. Press Down to navigate through the content.

This table outlines how the different presentation components in the course interact with screen readers.

Component name and description	How it interacts
<p>Accordion</p> <p>Selecting each title heading reveals additional text and an optional image.</p> 	<p>A screen reader will advise that the title heading is a clickable button and will read the title heading.</p> <p>Press the spacebar or Enter key to expand the heading.</p> <p>Press the Down arrow to continue to the main body of the text. You will be advised once all text has been read.</p> <p>Press the Down arrow to move to the next title heading and press the spacebar or Enter key as above.</p> <p>If there is an image, the alt text will be read out.</p>
<p>Flipcard</p> <p>Selecting each image reveals information on the back.</p> 	<p>A screen reader will read out the alt text for the first flipcard image.</p> <p>Press the Enter key or the spacebar to flip the card.</p> <p>The screen reader will read the flipcard title.</p> <p>Press the Down arrow to read through the main body of the text.</p> <p>Once all of the text has been read, press the Down arrow to move to the next flipcard.</p>

Graphic

A visual representation of content.



A screen reader will read out the alt text for the image.

Hotgraphic

Selecting the clickable pins on a large image reveals text and an image in a pop-up.



A screen reader will read the alt text for the main image.

Press the Down arrow to move to the first pin.

Press the Enter key or spacebar to open the pop-up. The screen reader will read the pop-up title.

Press the Down arrow to read through the text in the pop-up.

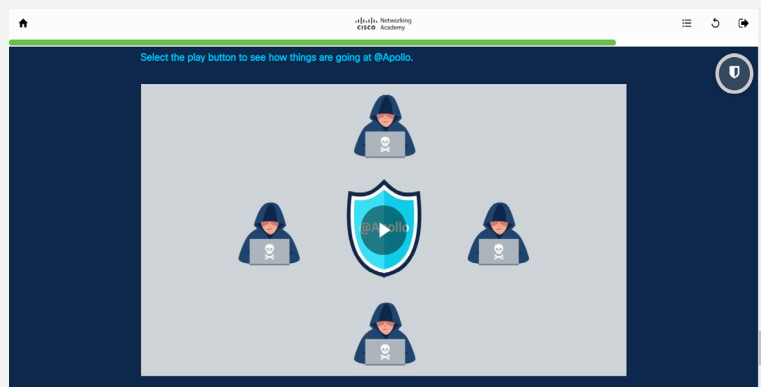
Press the Down arrow again to read the alt text of the image in the pop-up.

Press the Down arrow again to access the next button, discover how many pins are in the main hotgraphic component, and then the close button.

Repeat this process to access the information in the next pin.

Media

Select the play button to watch video or listen to audio content.

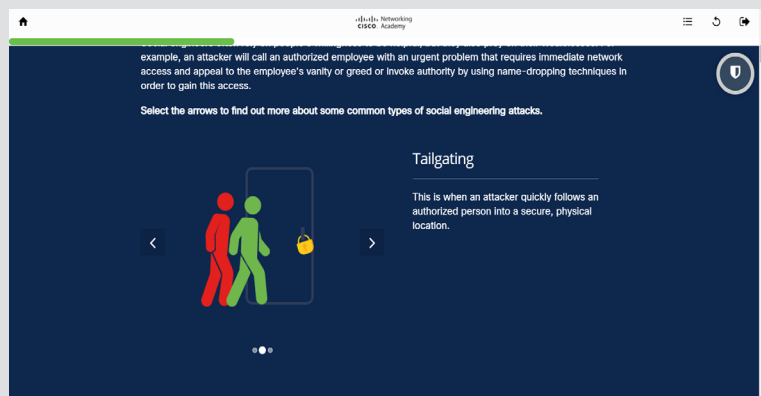


Use the Up and Down keys to navigate through the media player controls.

Press the Enter key to activate a button.

Narrative

Select the arrows to reveal a series of side scrolling images and accompanying text.



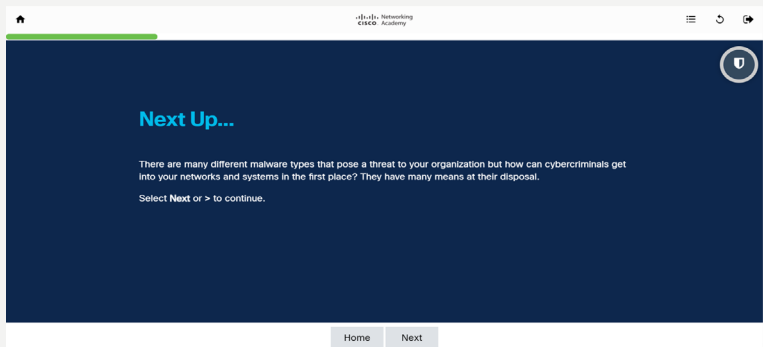
A screen reader will read the title of the first narrative item, followed by the alt text for the narrative item image and then the body text for the item.

Press the Down arrow to move to the next narrative item. The screen reader will tell you the number of the narrative item you are on out of the total number of narrative items.

Press the Enter key to read the next narrative item as above.

Text

A basic presentation component.



Press the Down arrow to navigate through the text on screen.

Open text input

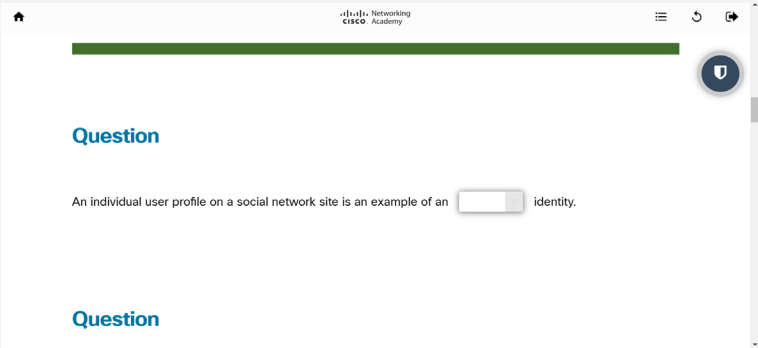
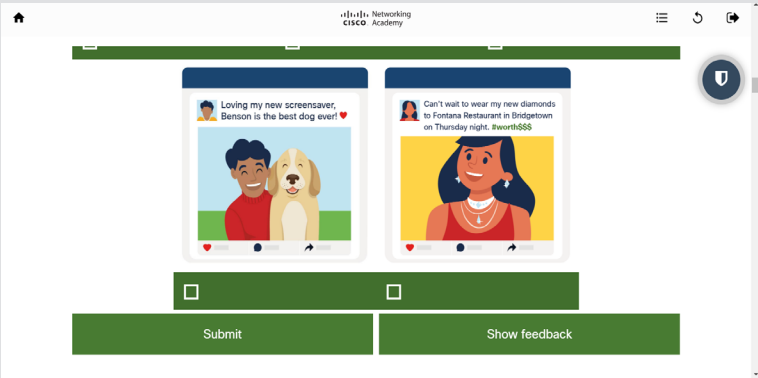
Enter free form text into the space provided.



Type in your response and press the Down key to move to the Submit button.

Press the Enter key to submit your response.

This table outlines how the different question components in the course interact with screen readers.

Component name and description	How it interacts
<div><p>Fill in the blanks</p><p>Select the correct answer from a dropdown list.</p></div>	<p>Press the Down arrow to read out the body of text and the missing word options.</p> <p>Press the Down arrow again to move to the dropdown box.</p> <p>Press the Enter key to open the dropdown box and use the Up and Down arrows to navigate through the answer options.</p> <p>Press Enter to make a selection.</p> <p>Press Enter again to submit your answer.</p>
<div><p>Graphical Multiple Choice Question</p><p>Select the correct answer from the graphical options presented.</p></div>	<p>Press the Down arrow to go to the first image. The screen reader will read the alt text for the image, then the answer text (if applicable).</p> <p>Press the Up and Down arrows to navigate through each of the images.</p> <p>Press the Enter key to make your selection.</p> <p>Press the Down arrow to move to the Submit button and press the Enter key to submit your answer.</p>

Matching Question

Select the correct answers for each question stem from a dropdown list.

The screenshot shows a mobile application interface for a 'Matching Question'. At the top, there is a header bar with a home icon, the text 'Cisco Networking Academy', and navigation icons. Below the header, there are three question stems, each followed by a dropdown menu labeled 'Click to select your answer'. The question stems are: 1. Close the pop-up or browser by:, 2. Protect your system, which hasn't been corrupted yet, by:, and 3. Check if a legitimate application update is needed from a trusted source by:. At the bottom of the screen, there are two buttons: 'Submit' and 'Show feedback'. A circular icon with a 'U' is visible on the right side of the screen.

Press the Down arrow to move to the first question stem. A screen reader will read out the text.

Press the Down arrow to move to the dropdown box and press the Enter key to open.

Press the Up and Down arrows to work through the possible answer options and press the Enter key to select your answer.

Press the Down arrow to move to the next question and repeat this process.

When you have selected an answer for each questions stem, press the Down arrow to move to the Submit button.

Press the Enter key to submit your responses.

Multiple Choice Question

Select the correct answer(s) to a question from a list.

The screenshot shows a mobile application interface for a 'Multiple Choice Question'. At the top, there is a header bar with a home icon, the text 'Cisco Networking Academy', and navigation icons. Below the header, there is a section titled '3.2.4 Are They Really Gone?'. The text of the question is: 'You've logged into your laptop but it contains some photos belonging to the previous user, who no longer works at @Apollo. Your line manager asks you to delete them. You drag the photos into the recycle bin, open the recycle bin, select them and click 'Delete' once again. That should do it! Do you think the photos are really gone from the laptop? Select the correct answer, then Submit.' Below the question text, there are two radio button options: 'Yes, the photos can no longer be retrieved' and 'No, the photos are just inaccessible from the operating system'. At the bottom of the screen, there are two buttons: 'Submit' and 'Show feedback'. A circular icon with a 'U' is visible on the right side of the screen.

Press the Up and Down arrows to move through each of the possible answers.

Press the Enter key to select your answer(s).

Press the Down arrow to move to the Submit button.

Press the Enter key to submit your response(s).

Slider

Position a slider on a scale.

The screenshot shows a web browser window with the Cisco Academy logo in the top right. The main content area displays 'Question 9' in blue. Below it, the text reads: 'On a scale from 0 to 10, with 0 being not at all likely and 10 being extremely likely, how likely are you to recommend Skills for All to others?'. A horizontal slider is positioned below the text, with a black dot at the far left (0). The slider has numerical markers from 0 to 10. Above the slider, the text 'Not at all likely' is above the 0 and 'Extremely likely' is above the 10. Below the slider, 'Question 10' is visible in blue.

Press the Down arrow to move to the start of the scale. The screen reader will read this value.

Press the Down arrow again to move to the end of the scale. A screen reader will read this value.

Press the Down arrow to move to the sliding scale and press the Enter key to make your selection.

Press the Down arrow to move to the Submit button and press the Enter key to submit your response.

Stacker

Place the options in the correct order.

The screenshot shows a web browser window with the Cisco Academy logo in the top right. The main content area displays '2.2.9 Cracking Times' in blue. Below it, the text reads: 'It looks as if the hackers are trying everything to crack @Apollo's private Wi-Fi password. We have to make sure that the password is strong enough to withstand their attack!'. Below this, the text reads: 'Take a look at the following passwords. Click the numbers to put them in the correct order according to how long you think it would take an attacker to crack each one using brute-force, where 1 is the shortest amount of time and 4, the highest.' Below the text, there is a list of four passwords, each with a number in a box to its left: 1 K4km9n2R, 2 Strawberry, 3 Password, 4 H\$1gh#7ID@3. Below the list, there are two green buttons: 'Submit' and 'Show feedback'.

Press the Down arrow to move to the first option on the list. A screen reader will read out the text.

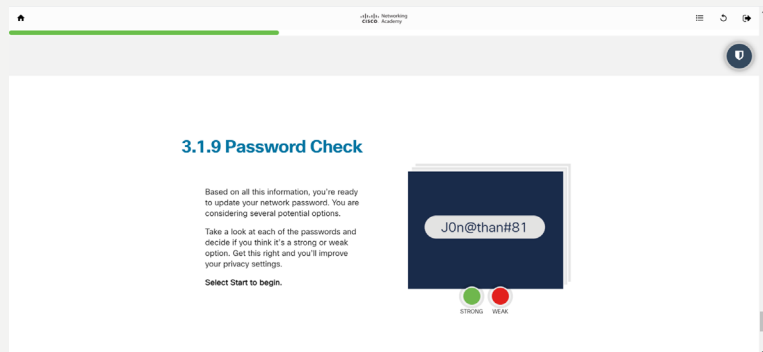
Press the Enter key to open the selection number and press the Up and Down arrow to choose what numbered position you wish to place this option in.

Repeat this process for each of the options on the list.

Press the Down arrow to move to the Submit button and press the Enter key to submit your response.

Yes/No

Place the answer options into two categories.



Press the Down arrow to read out the instruction text.

Select the Down arrow again to move to the Start button. Press the Enter key or spacebar to begin this activity.

The screen reader will read out any alt text for the first item.

Press the Down arrow to move to the two category buttons. Press the Enter key to make your selection.

The next item will then load. Repeat the process as above.

Once you reach the last item, the question will automatically submit, and question feedback will appear.

Close the feedback box and use the Up and Down arrows to go through each item for any specific feedback.